	Application No.	Applicant(s)
	10/662,690	PEREZ, RICARDO MARTINEZ
Notice of Allowability	Examiner	Art Unit
	John Chavis	2193

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *papers filed 2/20/07*.

2. ☒ The allowed claim(s) is/are *1-32*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☒ CORRECTED DRAWINGS (as "replacement sheets") ~~must be~~ submitted *on 10/14/03 have been approved by the examiner.*

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of
Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

JOHN CHAVIS
PRIMARY EXAMINER
TECHNOLOGY CENTER 2100

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

The application has been amended as follows to circumvent potential 35 USC

101 issues:

16. (Currently Amended) A computer ~~usable~~ storage medium including a

program to allocate memory in a wireless communication system, comprising:

computer program code to load an application into a wireless communication

device; computer program code to compile at least a portion of the application

into native instructions; computer program code to determine a runtime sensitivity

of the native instructions; computer program code to determine availability of

internal memory; and computer program code to insert at least a portion of the

native instructions into the internal memory at runtime based on the determined

availability of internal memory and the runtime sensitivity determination.

17. (Currently Amended) The computer ~~usable~~ storage medium of claim 16

wherein computer program code to compile at least a portion of the application

into native instructions comprises computer program code to pass the application

through a just-in-time compiler, the just-in-time compiler adapted to detect

runtime sensitivity of the native instructions.

18. (Currently Amended) The computer ~~usable~~ storage medium of claim 16

further comprising: computer program code to add de-referencing code to the

compiled application, wherein the de-referencing code allows an application

loader to insert a portion of the compiled application into the available internal

memory prior to executing the application.

19. (Currently Amended) The computer ~~usable~~ storage medium of claim 16

further comprising: computer program code to construct a de-referencing table;

and computer program code to attach the de-referencing table to the compiled

application, wherein the de-referencing table includes memory location

information and memory size information associated with the portion of the native

instructions to be inserted into the internal memory prior to executing the

application.

20. (Currently Amended) The computer ~~usable~~ storage medium of claim 16

further comprising: computer program code to update a pseudo-cache table, the

pseudo-cache table including memory location information and memory size

information associated with the portion of the native instructions inserted into the

internal memory.

21. (Currently Amended) The computer ~~usable~~ storage medium of claim 16

further comprising: computer program code to execute the compiled application.

22. (Currently Amended) The computer ~~usable~~ storage medium of claim 16

further comprising: computer program code to relinquish the internal memory

having the inserted native instructions when the compiled application has been

executed.

23. (Currently Amended) The computer ~~usable~~ storage medium of claim 16

further comprising: computer program code to update a pseudo-cache location

indicator, the pseudo-cache location indicator including an address of an

available pseudo cache allocated to the inserting of the native instructions at

runtime.

24. (Currently Amended) The computer ~~usable~~ storage medium of claim 16

further comprising: computer program code to update a pseudo-cache size

indicator, the pseudo-cache size indicator including a number of bytes available

in a pseudo cache.

25. (Currently Amended) A wireless communication device, comprising a

processor with: means for loading an application into the wireless communication

device; means for compiling at least a portion of the application into native

instructions; means for determining a runtime sensitivity of the native instructions;

means for determining availability of internal memory; and means for inserting at

least a portion of the native instructions into the internal memory at runtime

based on the determined availability of internal memory and the runtime

sensitivity determination.

2.   Any inquiry concerning this communication or earlier communications from the
examiner should be directed to John Chavis whose telephone number is (571) 272-
3720. The examiner can normally be reached on M-F, 9:00am-5:30pm, EST.

        If attempts to reach the examiner by telephone are unsuccessful, the examiner's
supervisor, Meng-Ai An can be reached on (571) 272-3756. The fax phone number for
the organization where this application or proceeding is assigned is 571-273-8300.

        Information regarding the status of an application may be obtained from the
Patent Application Information Retrieval (PAIR) system. Status information for
published applications may be obtained from either Private PAIR or Public PAIR.
Status information for unpublished applications is available through Private PAIR only.
For more information about the PAIR system, see http://pair-direct.uspto.gov. Should
you have questions on access to the Private PAIR system, contact the Electronic
Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a
USPTO Customer Service Representative or access to the automated information
system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JC

John Chavis
Primary Examiner AU-2193